

# CENTER ROUTING SLIP

Approved For Release 2004/02/11 : CIA-RDP78B05703A000200070069-2

FROM	DATE
LDI	18 MAR 1970

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST	1. M	3/13	
ASST TO DIR	2. <u>ML</u>	4/1	
HISTORIAN			
	B		
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/TSSG			
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			

Supposed:  
April

1-2  
Tom:  
Ask Rosen to  
take a check on  
this. M

4/15 - Checked with  
[redacted] - Training  
Selection - Brand fabric  
lateral note - no  
results reported yet.

25X1

Declass Review by  
NGA.

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NPIC/D 47-70

10 MAR 1970

MEMORANDUM FOR: Director of Training

SUBJECT: Request for External Training in Photogrammetry  
for Mr. [REDACTED]

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1. This memorandum contains a request for approval of an external training program along with justification and applicant background information. The request is contained in paragraph 6.

2. The science of extracting dimensional data from photography is the responsibility of the photogrammetrist. The Center has had difficulty in recruiting qualified professional personnel for the 50 + photogrammetrist positions in NPIC. This is primarily due to the limited number of available photogrammetrists and to the stiff competitive recruitment activities within this field. To overcome this difficulty the Center has relied heavily upon an extensive photogrammetric development program including full time graduate training for selected personnel. This external training has proven particularly successful in developing photogrammetrists to perform this important phase of the Center's work. To date six personnel have received such training.

3. This year's nominee is [REDACTED] a GSS-11 photogrammetrist, who graduated in June 1965 from the University of Texas with a B.S. in Civil Engineering degree. He came to work for the Center in August of the same year. [REDACTED] has made steady progress and for the past four years has been assigned to a highly specialized photogrammetric component where he has performed many unique and challenging mensuration tasks. He possesses a great deal of initiative and resourcefulness and has received considerable recognition for his generation of ideas, including several suggestion awards and publication of his report on an unique mensuration technique in "Studies In Intelligence." (The Quest for Mao Tse tung, Vol. 13 No. 2 Spring 1969) It is felt that this full time academic training program will round out his development in becoming a senior photogrammetrist. [REDACTED] is 35 years of age, married, has three children and served two years active duty in the Navy, 1955-57. He has continuously taken post graduate courses in math and

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SECRET

SUBJECT: Request for External Training in Photogrammetry  
for [REDACTED]

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photogrammetry, primarily at George Washington University, and is expected to make a good accounting of himself as a representative of the Agency.

4. We recommend that [REDACTED] take graduate training in photogrammetry at the University of Illinois, Urbana, Illinois. We judge their graduate program to be one of the best in meeting our needs. [REDACTED] director of the graduate program in photogrammetry at Illinois, has reviewed the transcript and resume of [REDACTED] and informally discussed his qualifications with appropriate officials of the Civil Engineering Department who indicate the prospect of his acceptance in the graduate school is good. A copy of [REDACTED] professional test score is attached for your review.

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5. Funds have been included in the FY-71 budget for this program.

6. Approval is requested for [REDACTED] to attend the University of Illinois for a year of graduate study in photogrammetry commencing in September 1970.

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[REDACTED]  
ARTHUR C. LUNDHAL  
Director

National Photographic Interpretation Center

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Attachments:

- A. Form 136
- B. Professional Test Score
- C. Transcripts

CONCUR:

[REDACTED]  
R. J. Smith  
Deputy Director for Intelligence

11 MAR 1970

Distribution:

- Orig. & 1 - Addressee
- 1 - DDI (w/att)
- 1 - NPIC/TSSG/TB (w/att)
- 2 - NPIC/IEG/PHD (w/att)

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Next 3 Page(s) In Document Exempt

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Washington, D. C. 20006

Office of the Registrar  
Grading System

Information to Accompany Transcripts

*Undergraduate Grading System:* Prior to Fall Semester, 1969: A—Excellent; B—Good; C—Average; D—Passing; F—Failing; I or Inc.—Incomplete; W—Authorized Withdrawal; F.W.—Unauthorized Withdrawal; AU—Audit; CR—Credit; NC—No Credit; NG—No Grade; H—Honors. A circled F indicates failure to remove the grade of "Incomplete" within the required time. This grading system is still in effect except for those schools listed below.

Effective with the Fall Semester, 1969, Columbian College of Arts and Sciences, the School of Public & International Affairs, and courses in the College of General Studies under the control of Columbian College and the School of Public & International Affairs adopted the following grading system:

H—Honors	} No quality points are given for these grades.
HP—High Pass	
P—Pass	
F—Failure	

Equivalency Chart

A—Honors  
B—High Pass  
C—Pass  
D—Pass  
F—Failure

Effective with the Fall Semester, 1969, the School of Engineering & Applied Science eliminated the grade of D on the undergraduate level.

*Graduate Grading System* (All schools except Law and Medicine): Before Feb. 1953: Sat.—Satisfactory; Unsatisfactory; Inc.—Incomplete. Feb. 1953 to Sept. 1964: E or Ex.—Excellent; S or Sat.—Satisfactory; U or Unsatisfactory; I or Inc.—Incomplete; AU—Audit; CR—Credit; NC—Non-credit. After September 1964: A, B, C, or F; I—Incomplete; AU—Audit; CR—Credit; NC—No credit. A circled F indicates failure to remove the grade of "Incomplete" within the required time.

NOTE:

From Feb. 1, 1965 through Jan. 1966 the School of Engineering and Applied Science did not use the grade "C" for graduate grades.

NOTE:

Effective September 1964.

\* Indicates graduate credit for a 100 level course.

@ Indicates undergraduate credit granted for a 200 level course.

*Law Grading System:* Before Sept. 1940: P=55-100%; F=Below 55%. After Sept. 1940: 85-100=A; 75-84=B; 65-74=C; 55-64=D; Below 55=F or Failure; I—Excused from failure to take regularly scheduled exam.; CR—Credit; NC—No Credit. EA—Excessive Absences

*School of Medicine Grading System:* Prior to Sept. 1, 1965: A (90-100); B (80-89); C (75-79)—Passing; D (65-74)—Conditional; F or E (Below 65)—Failure; I or Inc.—Incomplete. After Sept. 1, 1965: A—Excellent; B—Good; C—Satisfactory; D—Passing (Conditional grade removed); F—Failure; I—Incomplete; CN—Condition; CR—Credit. *Effective Sept. 1, 1967:* A—Excellent; B—Good; C—Satisfactory; D—Passing; F—Failure; I—Incomplete; CR—Credit.

All colleges, schools, and divisions except the National Law Center, the School of Engineering and Applied Science, and the School of Medicine.

*First-group courses.*—Courses numbered from 1 to 100 are planned for students in the freshman and sophomore years. With the approval of the adviser and the dean, they may also be taken by juniors and seniors. In certain instances, they may be taken by graduate students to make up undergraduate deficiencies or as prerequisite to advanced courses, but they may not be taken for graduate credit.

*Second-group courses.*—Courses numbered from 101 to 200 are planned for students in the junior and senior years. They may be taken for graduate credit only upon the approval of the dean and the instructor at the time of registration. Such approval is granted only with the provision that students must complete additional work in order to receive graduate credit.

*Third-group courses.*—Courses numbered from 201 to 300 (in the Graduate School of Arts and Sciences, the School of Government and Business Administration, and the School of Public and International Affairs); courses numbered 201 to 400 (in the School of Education) are planned primarily for graduate students. They are open, with approval of the instructor, to qualified seniors; they are not open to other undergraduates.

*Fourth-group courses.*—Courses numbered 301 to 400 in the Graduate School of Arts and Sciences are limited to graduate students; but they are primarily for doctoral candidates. In the School of Education fourth-group courses, numbered 401 to 500, are limited to graduate students with Master's degrees from accredited institutions.

#### **The National Law Center**

Before June 1, 1968: Courses numbered from 101 to 200 are required courses for first-year students; courses numbered from 201 to 300 are required and elective courses for the Bachelor of Laws or Juris Doctor curriculum; courses numbered from 301 to 400 are advanced courses. LL.B. or J.D. candidates are permitted to take some 301-400 courses; Master's candidates are permitted to take some 201-300 courses.

After June 1, 1968: Courses numbered from 201 to 300 are required courses for Juris Doctor candidates; courses numbered from 301 to 400 are normally taken by second- and third-year students in the Juris Doctor curriculum; courses numbered from 401 to 600 are generally more advanced. Second-year Juris Doctor candidates are permitted to take courses numbered above 400 only with the permission of the dean. Third-year Juris Doctor candidates are encouraged to take one course numbered above 400; they may take more than one with the dean's permission. Master's candidates are permitted to take some courses numbered below 401.

#### **School of Engineering and Applied Science**

Courses numbered from 1 to 200 are planned for undergraduate credit; those numbered above 200 are planned for graduate credit. Certain courses numbered from 1 to 200 may be taken for graduate credit when arrangements are approved in advance by the instructor and the dean; courses numbered above 200 may in certain instances be taken by qualified undergraduates.

#### **School of Medicine**

Courses in the basic science departments are numbered from 201 to 400. Courses in the clinical departments are numbered from 301 to 400.

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SECRET  
(When Filled In)

REQUEST FOR TRAINING AT NON-AGENCY FACILITY						1. TYPE E	2. REQUEST NO. (Registrar use only)	
TO: Director of Training				ATTN: Registrar				
3. EMP. SER. NO.	4. NAME (last, first, middle)			5. SEX	6. YOB	7. ORIG. EOD DATE MO YR	8. OFFICE	
	(CIA)			M	1934	09 65	DDI/NPIC	
9. GRADE	10. SD	11. DATES OF COURSE 11. FROM (m-d-y) 12. TO (m-d-y)				15. FT/PT/CONB		
GSS-11	IP	09 - -70 03- -71				PT		
23. TITLE OF COURSE Photogrammetry								
24. INSTITUTION SPONSORING TRAINING University of Illinois				25. LOCATION OF TRAINING Urbana, Illinois				
26. DESCRIPTION OF COURSE Graduate study in photogrammetry to include courses in analytical photogrammetry, computer science, photogrammetric engineering, adjustment of observations, and terrestrial photogrammetry.								
27. I CERTIFY FUNDS ARE AVAILABLE OBLIG. REF. NO. CHARGE FAN ACCOUNT NO.				28. COSTS (Registrar Use Only) REGISTRATION. TUITION. FEES \$ TRAVEL PER DIEM OTHER				
DATE		SIGNATURE		TOTAL		\$		
29. APPLICANT'S TITLE				EXTENSION				
30. SPECIFIC OBJECTIVES AND LEVEL OF PROFICIENCY TO BE ATTAINED (relate to assignment) The proposed training will supplement [redacted] undergraduate civil engineering training in providing him with advanced knowledge in the specialized field of photogrammetry. This training will equip him to perform the more difficult problems in obtaining precise measurements from photography.								
31. APPLICANT		YES	NO	32. IS REQUESTED TRG. IN				
HAS COVER				OTR BUDGET				
WILL USE COVER FOR THIS TRG.				OFFICE BUDGET				
				NEITHER				
33. I INTEND TO MAKE THE AGENCY A CAREER. IF REQUIRED I WILL SIGN A TRAINING AGREEMENT				DATE 17-2-70				
34. [redacted] TRAINING OFFICER								
35. CAREER SERVICE BOARD APPROVAL				FOR CSB				
36. REQUESTED TRAINING IS CONSIDERED IN CONSONANCE WITH EXISTING REGULATIONS				OFFICE HEAD OR OPERATING OFFICIAL				
37. CCS CONCURRENCE (only if item 31 is affirmative)				FOR CCS				
38. OTR APPROVAL				DIRECTOR OF TRAINING				